

Converting Colors

CIELCh(73, 100.464, 134.633)

Have a look what the booklet for
CIELCh(73, 100.464, 134.633)
contains.

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Color

CIELCh(73, 100.464, 134.633)

Conversions

Conversions Part 1

Format	Color
Hex	2BCF00
RGB	43, 207, 0
RGB Percent	17%, 81%, 0%
CMY	0.8310, 0.1880, 0.9994
CMYK	0.79, 0.00, 1.00, 0.19
HSL	108°, 100%, 41%
HSV	108°, 100%, 81%
XYZ	23.3250, 45.1644, 7.4922
YIQ	134.3660, -31.2970, -99.1450

Conversions

Conversions Part 2

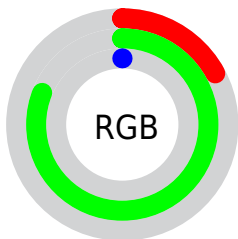
Format	Color
RYB	0, 207, 164
Decimal	2871040
CIELab	73.00, -70.58, 71.49
CIELCh	73, 100.464, 134.633
Yxy	45.1644, 0.3070, 0.5944
Android (android.graphics.Color)	4281061120 (0xFF2BCF00)
YUV	134.3660, -66.2424, -80.1280
Hunter-Lab	67.2044, -55.6549, 40.4332

Details

The CIELCh color **73, 100.464, 134.633** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **42, 100.768, 320.392**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 95.690, 134.450**, and **54, 81.019, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 100.487, 134.636**, and if you desaturate by 10%, it is **73, 96.952, 134.273**.

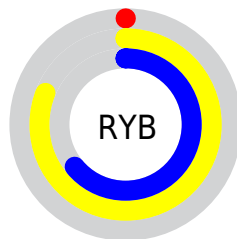
Distribution



Red (17%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (64%)

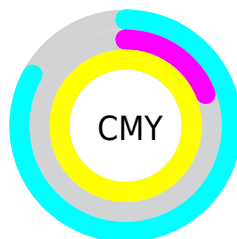


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (83%)


Magenta (19%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 100.464, 134.633 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 100.464, 134.633 by changing the saturation by 10% instead.


 73, 100.464,
134.633


 73, 100.464,
134.633


 100, 100.464,
134.633


 63, 100.464,
134.633


 93, 100.464,
134.633

 53, 100.464,
134.633

 43, 100.464,
134.633

 33, 100.464,
134.633

 23, 100.464,
134.633

 13, 100.464,
134.633

 3, 100.464,

134.633

■ 0, 100.464,
134.633

■ 73, 100.464,
134.633

■ 73, 100.464,
134.633

■ 73, 100.487,
134.636

■ 73, 96.952,
134.273

■ 74, 91.160,
134.226

■ 74, 83.078,
134.533

■ 75, 73.214,
135.069

■ 76, 62.100,
135.715

■ 77, 50.176,
136.384

■ 78, 37.778,
137.026

■ 80, 25.151,
137.616

■ 81, 12.479,
138.149

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 100.464, 134.633



42, 100.768, 320.392

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 100.464, 134.633



73, 100.464, 184.633



73, 100.464, 314.633



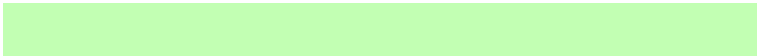
73, 100.464, 4.633

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 100.463, 134.634



94, 44.848, 136.999



69, 72.452, 86.277



50, 30.555, 136.729



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 100.463, 134.634



88, 117.747, 134.748



73, 91.975, 140.507



43, 7.192, 138.175



60, 85.971, 134.495



13, 28.667, 137.760

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42, 100.768, 320.392



52, 117.972, 320.300



46, 79.634, 343.815



41, 7.233, 318.982



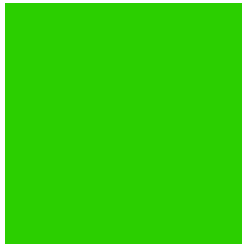
34, 86.350, 320.493



4, 29.249, 319.847

Previews

White Background



This preview shows how the CIELCh color 73, 100.464, 134.633 looks on a white background.

Color Contrast Check

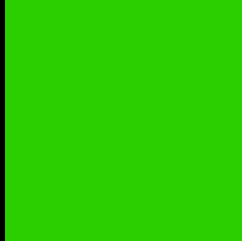
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 100.464, 134.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

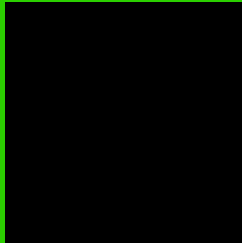
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 100.464, 134.633

Background



This preview shows how black text looks on a background with the CIELCh color 73, 100.464, 134.633.

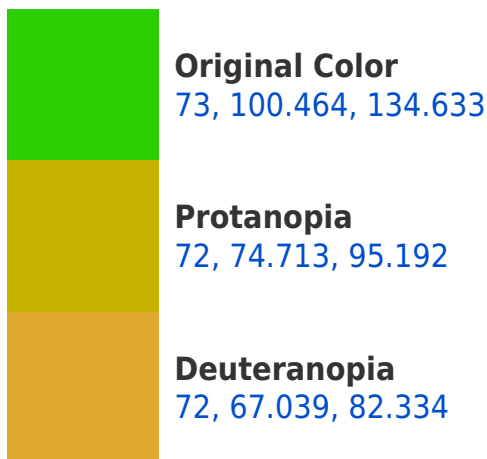


This preview shows how white text looks on a background with the CIELCh color 73, 100.464, 134.633.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

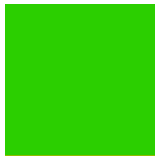
Dichromacy





Tritanopia
73, 29.295, 214.866

Trichromacy



Original Color

73, 100.464, 134.633



Protanomaly

71, 80.290, 117.050



Deuteranomaly

70, 72.208, 111.964



Tritanomaly

72, 53.745, 154.851

Monochromacy



Original Color

73, 100.464, 134.633



Achromatopsia

56, 0.007, 296.813



Achromatomaly

61, 48.013, 135.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 100.464, 134.633 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(43, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(43, 207, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(43, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 207, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 100.464, 134.633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(43, 207, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(43, 207, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(43, 207, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(43, 207, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 100.464, 134.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 207, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(43, 207,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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